IN THE CLAIMS

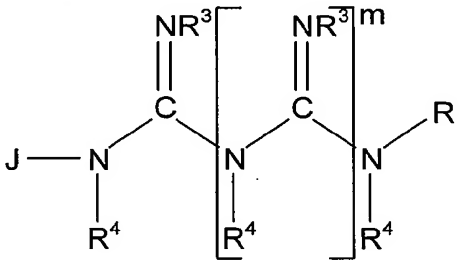
Please find a listing of the claims below, with the statuses of the claims shown in parentheses. This listing will replace all prior versions, and listings, of claims in the present application.

1-48. (Canceled)

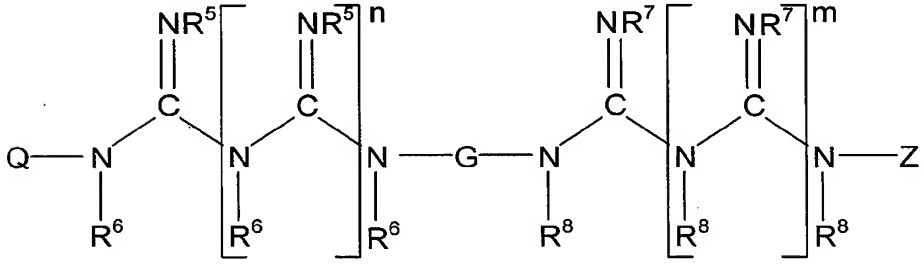
49. (New) A print medium, comprising:

a substrate having a fibrous component, wherein a cationic guanidine polymer compound or salt thereof and a metallic salt are each disposed within the fibrous component of the substrate, wherein the metallic salt is selected from the group consisting of sodium chloride, aluminum chloride, calcium chloride, calcium nitrate, and magnesium chloride, wherein the cationic guanidine polymer is selected from a group consisting of:

guanidine oligomers and guanidine derivatives having the structural formula (III) or structural formula (IV)



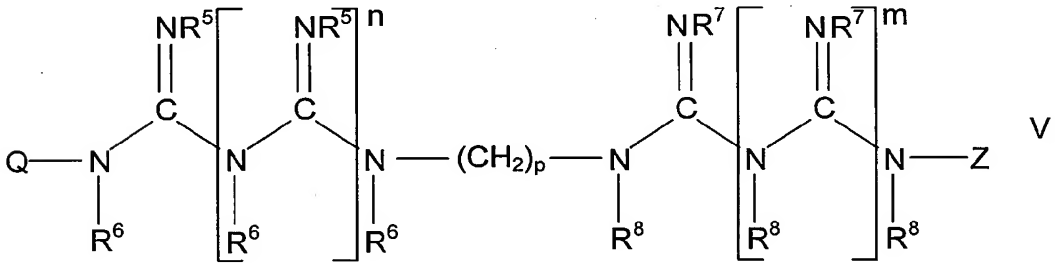
III



IV

wherein "n" and "m" are each independently an integer from 1-4, "J", "Q", and "Z" are each independently a monocarbocyclic or bicyclic carbocyclic aromatic group or phenyl group, "G" is a bivalent C_1-C_{12} branched chain alkyl, alkenyl or alkynyl linking group, "R" is branched chain alkyl, alkenyl, alkynyl or alkanoyl group, R^3, R^5 and R^7 are each independently hydrogen or a lower alkyl, while R^4, R^6, and R^8 are each independently hydrogen, alkyl, alkoxy or hydroxyl- substituted alkyl;

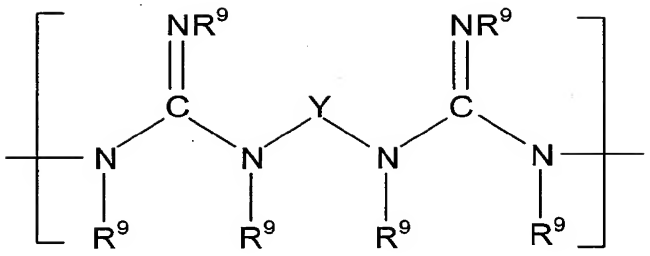
guanidine polymer compounds having structural formula (V)



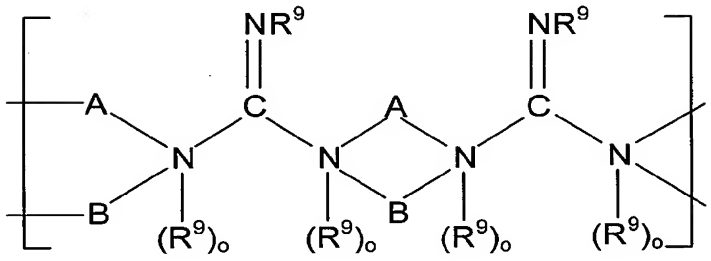
V

wherein "p" is an integer from 4-8, each of "Q" and "Z" is a phenyl group substituted in the para position by a halo group, R^5 and R^7 are each independently hydrogen or a lower alkyl, while R^6, and R^8 are each independently hydrogen, alkyl, alkoxy or hydroxyl- substituted alkyl;

guanidine polymer compounds having at least one unit described by structural formula (VI) or structural formula (VII)



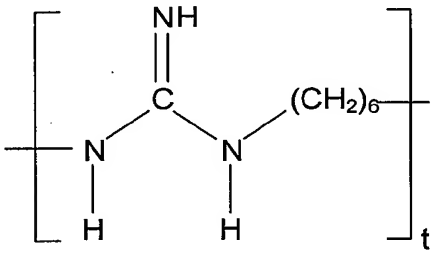
VI



VII

wherein Y is a C_{3-18} hydrocarbyl group having at least one interrupting group which is selected from the group consisting of –O-, -S-, -NH-, -C(O)-, A and B each selected from a hydrocarbyl group and a hydrocarbyl group including a heteroatom; each R^9 is independently hydrogen, a substituted alkyl, or a substituted alkoxy; wherein the substituents are selected from a hydroxy, C_{1-4}-alkoxy, halogen, nitro, amino, substituted amino, and acid groups; subscript "o" is 0 or 1;

guanidine polymer compounds having at least one unit described by structural formula (VIII)



VIII

wherein "t" is 2 to 100.

50. (New) The print medium of claim 49, wherein the substrate includes the metallic salt in an amount of about 0.001 to 3 grams per meter squared (GSM).

51. (New) The print medium of claim 49, wherein the substrate includes the cationic guanidine polymer compound or salt thereof in an amount of about 0.1 to 3 grams per meter squared (GSM).

52. (New) The print medium of claim 49, wherein the substrate is selected from printing paper, writing paper, drawing paper, and photobase paper.

53. (New) The print medium of claim 49, wherein the metallic salt is calcium chloride.

54. (New) A method of forming print media, comprising:

providing a fibrous component including a plurality of fibers;

introducing a cationic guanidine polymer compound or salt thereof and a metallic salt to the fibrous component;

mixing the cationic guanidine polymer compound or salt thereof and the metallic salt with the fibrous component;

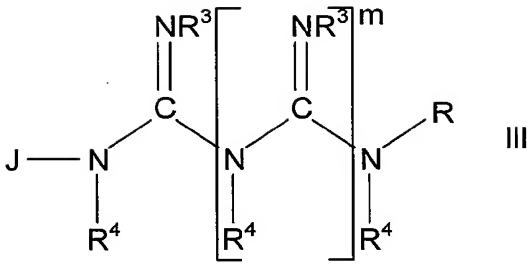
forming a substrate having the cationic guanidine polymer compound or salt thereof and the metallic salt are disposed within the fibers of the fibrous component;

applying a surface sizing composition containing a cationic guanidine polymer compound or salt thereof and a metallic salt to a surface of the formed substrate,

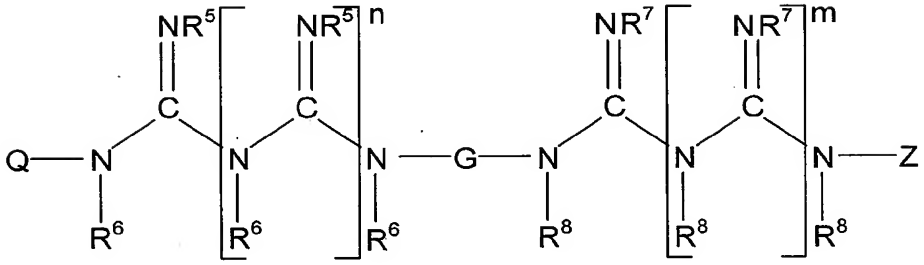
wherein the metallic salt is selected from the group consisting of sodium chloride, aluminum chloride, calcium chloride, calcium nitrate, and magnesium chloride,

wherein the cationic guanidine polymer is selected from a group consisting of:

guanidine oligomers and guanidine derivatives having the structural formula (III) or structural formula (IV)



III



IV

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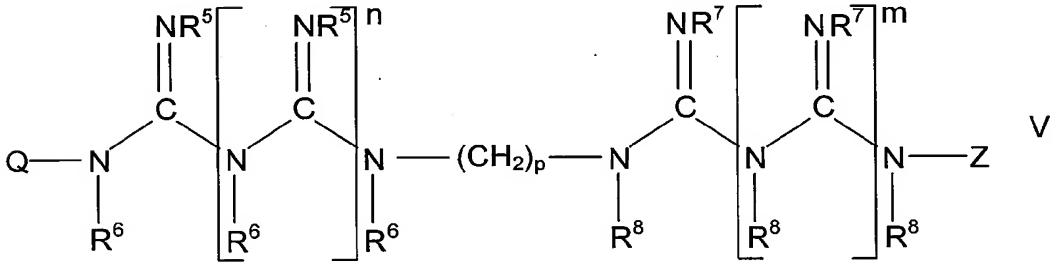
guanidine polymer compounds having structural formula (V)



V

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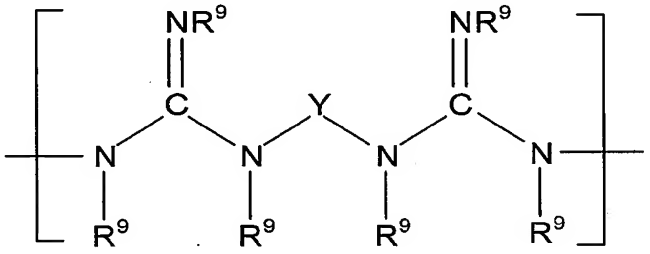
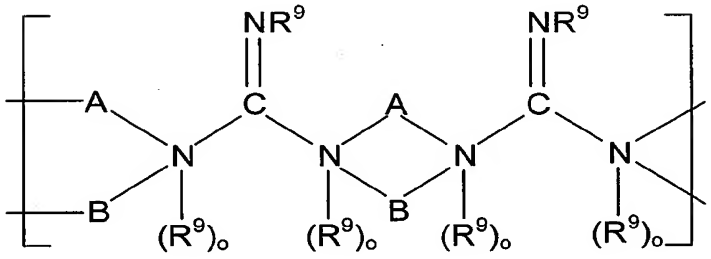
hydrogen or a lower alkyl, while R^6, and R^8 are each independently hydrogen, alkyl, alkoxy or hydroxyl- substituted alkyl;

guanidine polymer compounds having at least one unit described by structural formula (VI) or structural formula (VII)



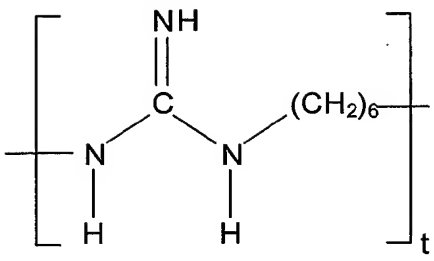
VI



VII

wherein Y is a C_{3-18} hydrocarbyl group having at least one interrupting group selected from the group consisting of –O-, -S-, -NH-, -C(=O)-, A and B each selected from a hydrocarbyl group and a hydrocarbyl group including a hetero atom; each R^9 is independently hydrogen, a substituted alkyl, or a substituted alkoxy; wherein the substituents are selected from a hydroxy, C_{1-4}-alkoxy, halogen, nitro, amino, substituted amino, and acid groups; subscript "o" is 0 or 1;

guanidine polymer compounds having at least one unit described by structural formula (VIII)



VIII

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